

## HEAD FOR A TOOTHBRUSH

### Abstract of the Disclosure

A head for a toothbrush has a motion directing assembly structured for rotating a first set of bristles in an oscillating motion through an arc of rotation about a central rotational axis while simultaneously moving the first set of bristles in a linear reciprocating motion generally parallel to the central rotational axis. In further embodiments, a second set of bristles is moved as well, and in an oscillating motion through an arc of rotation about the same central rotational axis as the first set of bristles, in the opposite rotational direction, while simultaneously moving in a linear reciprocating motion in the opposite linear direction relative to the first set of bristles, such that as one set of bristles is moving inwardly, the other set of bristles is moving outwardly relative to the brush head. In further embodiments, multiple first and second sets of bristles are arranged in pairs, wherein the first and second sets of bristles in each pair are driven in both the oscillating motion and linear reciprocating motion, in opposite directions relative to one another.